



**BURSTEIN**  
A World of Invention

August 15, 2003



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**VIA FIRST CLASS MAIL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No: 09/991,863  
Filed: November 16, 2001  
Entitled: APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS  
OF SAMPLES USING RADIATION DETECTOR OUTPUT RATIOS  
Inventor: John Francis Gordon  
Our File No: GORD 94100022(GB)WOUSD1D9

Dear Sir:

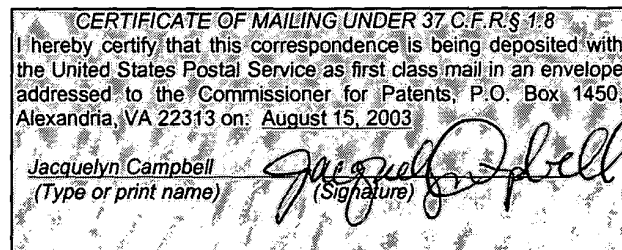
Enclosed for filing in the above-referenced application are the following documents:

1. Cover Letter
2. Power of Attorney by Assignee Including  
Exhibit A: Request for Entry of Certificate Under 3.73(b)  
Exhibit B: Certificate Under 3.73(b)  
Exhibit C: Assignment from John Francis Gordon to The University Court of the  
University of Glasgow and from the University of Glasgow to Burstein  
Technologies, Inc.
3. Associate Power of Attorney
4. Certificate of First Class Mail dated August 15, 2003
5. Return Postcard

Please indicate on the enclosed postcard the date of receipt of the enclosed materials  
and mail this pre-paid postcard to acknowledge receipt of this transmittal.

Very truly yours,

Donald Bollella  
Chief Patent Counsel

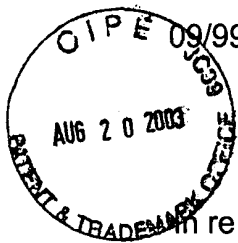


Encl.

DB:jc

P:\Patprose\Dockets\GORD\1000\22\ptocov\_01.doc

Burstein Technologies, Inc.  
163 Technology Drive • Irvine, California 92618  
Tel: (949) 453-1800 • Fax: (949) 453-1818 • www.bursteintech.com



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:  
John Francis Gordon

Application No: 09/991,863

Filed: November 16, 2001

For: APPARATUS AND METHOD FOR  
CARRYING OUT ANALYSIS OF  
SAMPLES USING RADIATION  
DETECTOR OUTPUT RATIOS

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Art Unit: 2877

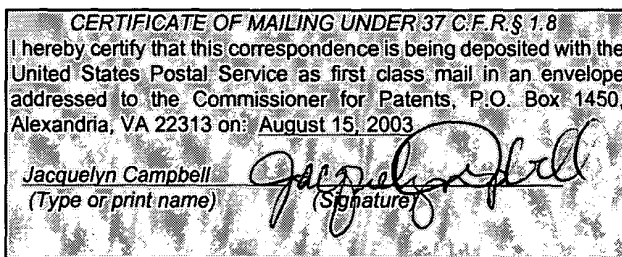
Examiner: To be assigned

Attorney Docket No:  
GORD 94100022(GB)WOUSD1D9

POWER OF ATTORNEY BY ASSIGNEE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:



The undersigned, Richard Burstein, President of BURSTEIN TECHNOLOGIES, INC, hereby appoints Donald Bollella, Registration No. 35,451, of Burstein Technologies, Inc, Suite 200, Irvine, California 92618, telephone number (949) 453-1800, to prosecute this patent application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent.

As assignee of the entire interest of the above-identified application, all previous powers are hereby revoked.

Attached hereto in support of the above are:

- A) Request for Entry of Certificate Under 3.73(b);
- B) Certificate Under 3.73(b) listing the chain of ownership; and
- C) Relevant assignment from John Francis Gordon to the University of Glasgow; and from the University of Glasgow to Burstein Technologies, Inc.

### CORRESPONDENCE INSTRUCTIONS

Please direct all future correspondence to the following address:

Donald Bollella, Esq.  
BURSTEIN TECHNOLOGIES, INC.  
163 Technology Drive, Suite 200  
Irvine, CA 92618

Direct all telephone calls to Donald Bollella at (949) 453-1800.

Respectfully Submitted,  
BURSTEIN TECHNOLOGIES, INC.

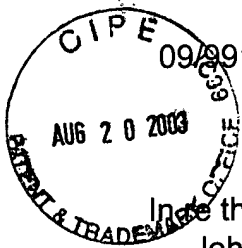
A handwritten signature in black ink, appearing to read 'Richard Burstein', with a large, stylized 'X' or flourish at the end.

Richard Burstein  
Chief Executive Officer

Date: August 15, 2003

BURSTEIN TECHNOLOGIES, INC.  
163 Technology Drive, Suite 200  
Irvine, CA 92618  
(949) 453-1800

P:\PATPROSE\DOCKETS\IGORD\1000\22\POA BY ASSIGNEE.DOC  
Prepared by: jc



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
John Francis Gordon

Serial No: 09/991,863

Filed: November 16, 2001

For: APPARATUS NAD METHOD FOR  
CARRYING OUT ANALYSIS OF  
SAMPLES USING RADIATION  
DETECTOR OUTPUT RATIOS

§  
§  
§ Art Unit: 2877  
§  
§ Examiner: To be assigned  
§  
§ Attorney Docket No:  
§ GORD 94100022(GB)WOUSD1D9  
§  
§  
§

REQUEST FOR ENTRY OF CERTIFICATE  
UNDER 37 C.F.R. SECTION 3.73(b) AND SUPPORTING STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

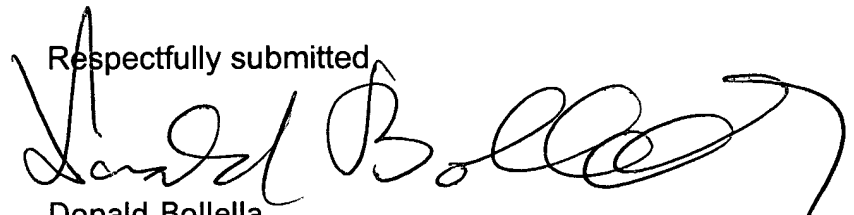
Sir:

In further support of Assignee's interest herein, Applicant respectfully requests entry of the following Certificate Under 37 C.F.R. Section 3.73(b) in connection with the above-identified application.

Applicant believes that no fee is required for filing this communication. The Commissioner is, however, hereby authorized to charge or credit any fees connected with this communication to Deposit Account No. 50-1781.

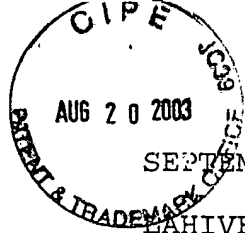
Date: Aug 15, 2003

Respectfully submitted,

  
Donald Bollella  
Registration No. 35,451

BURSTEIN TECHNOLOGIES, INC.  
LEGAL DEPARTMENT  
163 Technology Drive – Suite 200  
Irvine, California 92618  
(949) 453-1800





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SEPTEMBER 03, 1997

PTAS

LAHIVE & COCKFIELD, LLP  
ANTHONY A. LAURENTANO, ESQ.  
28 STATE STREET  
BOSTON, MA 02109



\*100510295A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/31/1997

REEL/FRAME: 8634/0810

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GORDON, JOHN FRANCIS

DOC DATE: 04/16/1997

ASSIGNEE:

UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, THE  
UNIVERSITY AVENUE, NO. 2 THE SQUARE  
GLASGOW G12 8QQ, UNITED KINGDOM

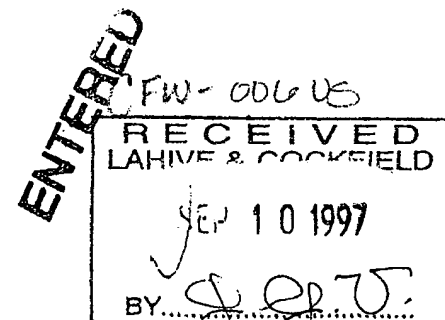
SERIAL NUMBER: 08809402

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

SHAREIL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



08-14-1997

JUL 31 1997

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To the Honorable Commissioner of Patents and Trademarks

100510295

ad original documents or copy thereof.

1. Name of conveying party(ies):

John Francis Gordon

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW

Internal Address: \_\_\_\_\_

Street Address: University Avenue, No. 2 The Square

Glasgow G12 8QQ, United Kingdom

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 16, 1997

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
08/809,402

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Anthony A. Laurentano, Esq.

Internal Address: Lahive & Cockfield, LLP

Street Address: 28 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved:

one

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0080

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Anthony A. Laurentano, Reg. No. 38,220

Name of Person Signing

Anthony A. Laurentano  
Signature

7/28/97  
Date

Total number of pages including cover sheet, attachments, and document:

2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

12/1997 T10H11  
FC:581

00000001 08809402

40.00 DP

SOLE OR JOINT

A S S I G N M E N T

WHEREAS, I, JOHN FRANCIS GORDON, of 5 Park Crescent, Torrance, Glasgow G64 4BH, United Kingdom, have invented an APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS OF SAMPLES for which I am about to make application for Letters Patent of the United States of America, and

WHEREAS, THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, a corporation of the United Kingdom, having its principal place of business at University Avenue, No. 2 The Square, Glasgow G12 8QQ, United Kingdom, desires to acquire the entire right, title and interest in and to said invention:

APPARATUS AND METHOD FOR CARRYING OUT ANALYSIS OF SAMPLES

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, JOHN FRANCIS GORDON, by these presents do sell, assign and transfer unto said corporation, its successors and assigns, all right, title and interest in the United States of America and all foreign countries in and to said invention as described in the patent application, executed by me on the 16th day of April, 1997, (and I hereby authorize my attorneys, authorized to prosecute said application to here insert the filing date and serial number of the said application, as soon as it is known, Serial No. 08/809,402, filed March 21, 1997), and to any improvements on said invention heretofore or hereafter made while I am in the employ of said corporation, and any divisions or continuations of said application, and all Patents, United States and foreign, granted upon any such applications or for the inventions described therein, and any reissues or extensions of said Patents; and I hereby authorize and request the Commissioner of Patents to issue all Patents on said United States applications to said corporation as assignee thereof.

FOR SAID CONSIDERATIONS, I hereby covenant and agree that I am the owner of the full title herein assigned and have the right to assign the same, and agree that I will communicate to said corporation or its representatives, any facts known to me respecting said invention or inventions and testify in any legal proceedings relating thereto when called upon, and will sign all instructions and documents and render such assistance which in the judgement of said corporation is necessary to vest in it and protect the legal title sought to be assigned.

16th April 1997  
Date

John Gordon  
JOHN FRANCIS GORDON



JULY 29, 2003

PTAS

BURSTEIN TECHNOLOGIES, INC.  
DONALD BOLLELLA, ESQ.  
163 TECHNOLOGY DRIVE  
LEGAL DEPARTMENT  
IRVINE, CA 92618



\*102389867A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/10/2003

REEL/FRAME: 013832/0554  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNIVERSITY COURT OF THE UNIVERSITY  
OF GLASGOW

DOC DATE: 02/07/2003

ASSIGNEE:

BURSTEIN TECHNOLOGIES, INC.  
163 TECHNOLOGY DRIVE  
IRVINE, CALIFORNIA 92618

SERIAL NUMBER: 08809402  
PATENT NUMBER: 5892577

FILING DATE: 07/28/1997  
ISSUE DATE: 04/06/1999

SERIAL NUMBER: 09156475  
PATENT NUMBER: 6256088

FILING DATE: 09/18/1998  
ISSUE DATE: 07/03/2001

SERIAL NUMBER: 09407001  
PATENT NUMBER:

FILING DATE: 09/28/1999  
ISSUE DATE:

SERIAL NUMBER: 09284421  
PATENT NUMBER:

FILING DATE: 06/11/1999  
ISSUE DATE:

SERIAL NUMBER: 09410837  
PATENT NUMBER:

FILING DATE: 10/01/1999  
ISSUE DATE:

SERIAL NUMBER: 09411624  
PATENT NUMBER:

FILING DATE: 10/01/1999  
ISSUE DATE:

SERIAL NUMBER: 09410838  
PATENT NUMBER:

FILING DATE: 10/01/1999  
ISSUE DATE:

SERIAL NUMBER: 09642996  
PATENT NUMBER:

FILING DATE: 08/21/2000  
ISSUE DATE:

SERIAL NUMBER: 09643030  
PATENT NUMBER: 6339473

FILING DATE: 08/21/2000  
ISSUE DATE: 01/15/2002

SERIAL NUMBER: 09665481  
PATENT NUMBER: 6476907

FILING DATE: 09/20/2000  
ISSUE DATE: 11/05/2002

SERIAL NUMBER: 09665930  
PATENT NUMBER: 6327031

FILING DATE: 09/20/2000  
ISSUE DATE: 12/04/2001

SERIAL NUMBER: 60283213  
PATENT NUMBER:

FILING DATE: 04/11/2001  
ISSUE DATE:

SERIAL NUMBER: 09991429  
PATENT NUMBER:

FILING DATE: 11/16/2001  
ISSUE DATE:

SERIAL NUMBER: 09991863  
PATENT NUMBER:

FILING DATE: 11/16/2001  
ISSUE DATE:

SERIAL NUMBER: 10121281  
PATENT NUMBER:

FILING DATE: 04/11/2002  
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03-14-2003

Form PTO-1595

RE

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

University Court of the University of Glasgow  
University Avenue, Galsgow  
UNITED KINGDOM

31083

## 2. Name and address of receiving party(ies)

Name: BURSTEIN TECHNOLOGIES, INC.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Street Address: 163 Technology Drive

City: Irvine State: CA Zip: 92618

Execution Date: February 7, 2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

See attached list

B. Patent No.(s)

See attached list

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Donald Bollella, Esq.

Internal Address: Legal Department

Street Address: Burstein Technologies, Inc.

163 Technology Drive

City: Irvine State: CA Zip: 92618

6. Total number of applications and patents involved 15

7. Total fee (37 CFR 3.41) . . . . . \$600.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1781

(Attach duplicate copy of this page if paying by deposit account)

ATTACHED ORIGINAL RECORDS  
MAR 10 AM 7:37  
FINANCE SECTION

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald Bollella, Esq.

Name of Person Signing

Signature

March 10, 2003

Date

Total number of pages including cover sheet, attachments, and documents 6

03/13/2003 ECDOPER 00000221 501781 08809402

01 ECD:AO

600.00

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231



**BURSTEIN**  
A World of Invention

94100010 450105

March 10, 2003

**VIA EXPRESS MAIL**

BOX ASSIGNMENT  
Commissioner for Patents  
Washington, D.C. 20231

Re: Assignment Recordation in USS Nos. 08/809,402; 09/156,475; 9/407,001;  
09/284,421; 09/410,837; 09/411,624; 09/410,838; 09/642,996; 9/643,030;  
09/665,481; 09/665,930; 60/283,213; 09/991,429; 09/991,863; 10/121,281

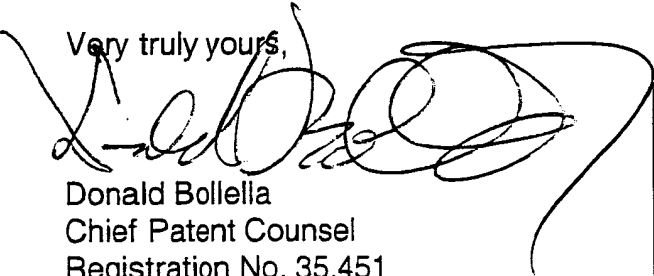
Dear Sir:

Enclosed for filing in the above-referenced Patents are the following documents:

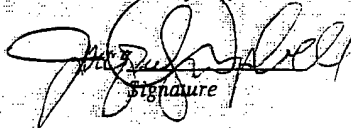
1. Cover Letter
2. Recordation Form Sheet (PTO-1595)
3. Supplemental Sheet to Form PTO-1595
4. Acknowledgement of Assignment and Assignment
5. Certificate of Express Mail No. EV 213369894US dated March 10, 2003
6. Return Postcard

Please indicate on the enclosed postcard the date of receipt of the enclosed materials and mail this pre-paid postcard to acknowledge receipt of this transmittal.

Very truly yours,

  
Donald Bollella  
Chief Patent Counsel  
Registration No. 35,451

Enclosures

I Certify that this document was submitted to the U.S. Patent and Trademark Office using U.S. Express Mail under 37 C.F.R. § 1.10	
<u>EV213369894US</u>	<u>March 10, 2003</u>
Express Mail Label Number	Date of Deposit
<u>Jacquelyn Campbell</u>	
Print Name	Signature

DB:jc

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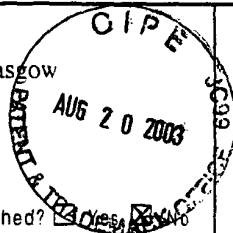
Burstein Technologies, Inc.  
163 Technology Drive • Irvine, California 92618  
Tel: (949) 453-1800 • Fax: (949) 453-1818 • www.bursteintech.com

Tab settings =&gt; =&gt; =:- V V V V V V V

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

University Court of the University of Glasgow  
University Avenue, Galsgow  
UNITED KINGDOM



## 2. Name and address of receiving party(ies)

Name: BURSTEIN TECHNOLOGIES, INC.

Internal Address: \_\_\_\_\_

Street Address: 163 Technology DriveCity: Irvine State: CA Zip: 92618Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 7, 2003

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

See attached list

## B. Patent No.(s)

See attached list

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Donald Bollella, Esq.Internal Address: Legal DepartmentStreet Address: Burstein Technologies, Inc.163 Technology DriveCity: Irvine State: CA Zip: 926186. Total number of applications and patents involved 157. Total fee (37 CFR 3.41) . . . . . \$ 600.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1781

(Attach duplicate copy of this page if paying by deposit account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald Bollella, Esq.

Name of Person Signing

Signature

March 10, 2003

Date

Total number of pages including cover sheet, attachments, and documents 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box Assignments

Washington, D.C. 20231

# SUPPLEMENTAL SHEET TO FORM PTO-1595

Serial No.	Patent No.	Filing Date
08/809,402	(Now US Pat No. 5,892,577)	March 21, 1997
09/156,475	(Now US Pat No. 6,256,088)	September 18, 1998
09/407,001		September 28, 1999
09/284,421		June 11, 1999
09/410,837		October 1, 1999
09/411,624		October 1, 1999
09/410,838		October 1, 1999
09/642,996		August 21, 2000
09/643,030	(Now US Pat No. 6,339,473)	August 21, 2000
09/665,481		September 20, 2000
09/665,930	(Now US Pat No. 6,327,031)	September 20, 2000
60/283,213		April 11, 2001
09/991,429		November 16, 2001
09/991,863		November 16, 2001
10/121,281		April 11, 2002

## ACKNOWLEDGEMENT OF ASSIGNMENT AND ASSIGNMENT

WHEREAS, John Francis Gordon (hereinafter referred to as "GORDON") as the inventor of an invention entitled "Apparatus And Method For Carrying Out Analysis Of Samples," as disclosed in application for United States Patent Serial No. 08/809,402, filed March 21, 1997 (hereinafter referred to as the "Gordon I Invention"), has previously assigned the entire right, title, and interest in the invention and to all continuations and divisions thereof, and all patents, United States and foreign, granted upon such applications or for the inventions described therein, and any reissues or extensions of said patents, United States Letters Patent No. 5,892,577 granted April 6, 1999; United States Letters Patent No. 6,256,088 granted July 3, 2001; United States Letters Patent No. 6,327,031 granted December 4, 2001; and United States Letter Patent No. 6,339,473 granted January 15, 2002 having issued (hereinafter referred to as the "Gordon I Patent Rights") to The University Court of The University of Glasgow, a corporation of the United Kingdom, having its principal place of business at University Avenue, Glasgow, United Kingdom (hereinafter referred to as "UNIVERSITY"), as recited in the assignment dated April 16, 1997 recorded on July 31, 1997, in the assignment records of the United States Patent Office at reel/frame number of 8634/0810;

WHEREAS, GORDON as the inventor of the invention entitled "Apparatus And Method For Conducting Assays," as disclosed in application for United States Letters Patent Serial No. 09/284,421, filed April 8, 1999 (hereinafter referred to as the "Gordon II Invention"), has previously assigned the entire right, title, and interest in the invention, and all continuations and divisions thereof, and all patents, United States and foreign, granted upon such application or for the inventions described therein, and any reissues or extensions of said patents (hereinafter referred to as the "Gordon II Patent Rights"), to Molecular Drives Ltd., a Limited Company registered under the Companies Act of 1985, Registered Number SC157075, having a place of business at 39 Western Court, University of Glasgow, Scotland, United Kingdom (hereinafter referred to as "MOLECULAR DRIVES"), as recited in the assignment dated June 1, 1999 recorded on June 11, 1999, in the assignment records of the United States Patent Office at reel/frame number of 010036/0805;

WHEREAS, MOLECULAR DRIVES has assigned the entire right, title, and interest in the Gordon II Patent Rights to UNIVERSITY, as recited in the assignment dated June 7, 1999 recorded on November 18, 1999 in the assignment records of the United States Patent Office at reel/frame number of 010400/0621;

WHEREAS, UNIVERSITY has agreed to sell the above identified Gordon I and Gordon II Inventions and the Gordon I and Gordon II Patent Rights to Burstein Technologies, Inc. (hereinafter referred to as "BTI") pursuant to that certain Exclusive License, Technology Transfer, and Technology Acquisition Agreement dated July 23, 1999 by and between UNIVERSITY, MOLECULAR DRIVES, GORDON, and Digital Drives, Inc., formerly a Nevada corporation (said Digital Drives, Inc. hereinafter referred to as "DIGITAL") and further pursuant to the "Clarification and Amendment of Technology Transfer Agreement between University of Glasgow and Burstein Technologies, Inc" dated November 30, 2001 by and between UNIVERSITY, BTI, and GORDON;

WHEREAS, BTI has prepared and filed U.S. Provisional Patent Application No. 60/283,213 on April 11, 2001 and related U.S. Patent Application No. 10/121,281 on April 11, 2002 entitled "Multi-Parameter Assays Including Analysis Discs and Methods Relating Thereto" (hereinafter referred to as the Gordon III invention), said Gordon III invention being based in part on an unfiled disclosure prepared during GORDON's affiliation with MOLECULAR DRIVES and the UNIVERSITY;

WHEREAS, UNIVERSITY, through its exclusive licensee BTI, has prosecuted and or caused the filing of the following United States applications for Letters Patent of the United States based upon the Gordon I, II, and III Inventions:

<u>Serial No.</u>	<u>Filing Date</u>
08/809,402 (Now US Pat No. 5,892,577)	March 21, 1997
09/156,475 (Now US Pat No. 6,256,088)	September 18, 1998
09/407,001	September 28, 1999
09/248,421	June 11, 1999
09/410,837	October 1, 1999
09/411,624	October 1, 1999
09/410,838	October 1, 1999
09/642,996	August 21, 2000
09/643,030 (Now US Pat No. 6,339,473)	August 21, 2000
09/655,481	September 20, 2000
09/665,930 (Now US Pat No. 6,327,031)	September 20, 2000
60/283,213	April 11, 2001
09/991,429	November 16, 2001
09/991,863	November 16, 2001
10/121,281	April 11, 2002

(said applications being hereinafter referred to as the "Gordon Applications").

WHEREAS, DIGITAL has been merged into BTI as of August 14, 2001;

WHEREAS, UNIVERSITY, the assignor herein is presently the sole owner of the entire right, title, and interest to the Gordon I and Gordon II Inventions and Gordon I and Gordon II Patent Rights without any encumbrances thereon or any contingent or reversionary interests therein; and



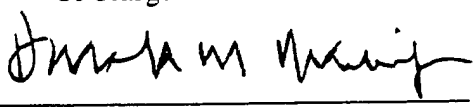
WHEREAS, BTI desires to acquire the entire right, title and interest in and to the Gordon I, Gordon II, and Gordon III Inventions and the Gordon I, Gordon II, and Gordon III Patent Rights;

NOW, THEREFORE, for good and valuable consideration as recited in said certain Exclusive License, Technology Transfer, and Technology Acquisition Agreement dated July 23, 1999, and the "Clarification and Amendment" dated November 30, 2001, the receipt and sufficiency of which is hereby acknowledged, UNIVERSITY does hereby sell, assign, transfer and set over unto BTI, its successors and assigns, the entire right, title, and interest in and to said Gordon I, Gordon II, and Gordon III Inventions including the corresponding International Patent Application No. PCT/GB95/02186 filed September 15, 1995, including the priority application thereof GB9418981.8 filed September 21, 1994, and all subsequently filed related applications based thereon; International Patent Application No. PCT/GB97/02708 filed October 8, 1997, and the priority application thereof, GB9620934.1 filed October 8, 1996 and all improvements thereon; and including International Application No. PCT/US02/11620 filed April 11, 2002, and all subsequently filed applications based thereon; in and to any and all patents and patent applications pertaining to or based upon said inventions and improvements, including said identified Gordon Applications, and including any and all divisional and continuing applications and continuations-in-part; and in and to any and all Letters Patents, which may be granted and issued on said Gordon I, Gordon II, and Gordon III Inventions and said Gordon I, Gordon II, and Gordon III Patent Rights, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, UNIVERSITY does hereby agree that it will at the request of BTI, execute any and all applications for Letters Patents for said inventions and any and all other papers and documents and do all other and further lawful acts that BTI may reasonably deem necessary or desirable to obtain U.S. and foreign Letters Patents on said inventions, to secure the grant of such Letters Patents and to perfect and vest in BTI the entire right, title, and interest in the inventions, applications, and Letters Patents.

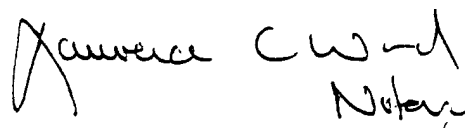
Signed on behalf of  
The University Court of the University  
Of Glasgow

Dated: 27/01/03

  
By: DUGALD M MACKIE  
Title: Secretary of Govt.

(The execution of this document by The University Court Of The University Of Glasgow is being acknowledged by a Notar and an apostille.)

\*\*\*\*\*

Before me,   
Notary Public

Acknowledged By:

Molecular Drives, Ltd.

Dated: 28<sup>th</sup> Jan 2003

Graham Patterson

Graham Patterson  
Director

(A certificate of acknowledgment is attached hereto for the above execution by Molecular Drives, Inc.)

\*\*\*\*\*

Acknowledged By:

Dated: Feb 7<sup>th</sup> 2003

John F Gordon

John Francis Gordon  
Inventor

(A certificate of acknowledgment is attached hereto for the above execution by John Francis Gordon.)

\*\*\*\*\*

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Orange } SS.

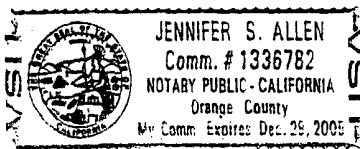
On February 7, 2003, before me, Jennifer S. Allen,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared John F. Gordon,  
Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Place Notary Seal Above

Jennifer S. Allen  
Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Acknowledgement of Assignment and Assignment

Document Date: 2/7/03 Number of Pages: 4

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

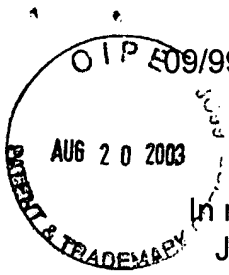
- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER

Top of thumb here





PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
John Francis Gordon

Serial No.: 09/991,863

Filed: November 16, 2001

For: APPARATUS AND METHOD  
FOR CARRYING OUT ANALYSIS OF  
SAMPLES USING RADIATION  
DETECTOR OUTPUT RATIOS

§  
§  
§ Art Unit: 2877  
§  
§ Examiner: To be assigned  
§  
§ Attorney Docket No:  
§ GORD 94100022(GB)WOUSD1D9  
§  
§  
§

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**ASSOCIATE POWER OF ATTORNEY**

Please recognize Guy Porter Smith, Registration No. 20,142, of OPPENHEIMER WOLFF & DONNELLY, LLP, 233 Wilshire Blvd. Suite 700, Santa Monica, CA 90401, as associate attorney in the further prosecution of the above-identified application.

Please address all future correspondence to:

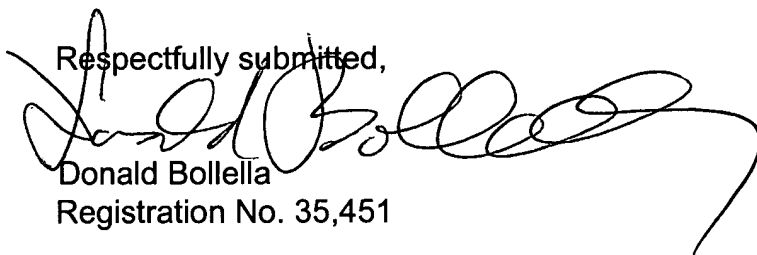
Guy Smith, Esq.  
**OPPENHEIMER WOLFF & DONNELLY, LLP**  
233 Wilshire Blvd. Suite 700  
Santa Monica, CA 90401

Direct all telephone calls to Guy Smith at (310) 319-5414.

Applicant believes that no fee is required for filing this communication. The Commissioner is, however, hereby authorized to charge or credit any fees connected with this communication to Deposit Account No. 50-1781.

Date: Aug 15, 2003

Respectfully submitted,

  
Donald Bollella  
Registration No. 35,451

BURSTEIN TECHNOLOGIES, INC.  
LEGAL DEPARTMENT  
163 Technology Drive, Suite 200  
Irvine, California 92618  
Telephone: (949) 453-1800